

Dr. E. B. Vandyke, and Mr. Frank H. Wyeth were elected members, and Mr. Gabriel Manigault, of Charleston, S. C., was elected a correspondent.

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October 2d.

The President, DR. HAYS, in the Chair.

Twenty-eight members present.

The following were offered for publication :

“On the Period and Ratio of the Annual Increase in the Circumference of Trees.” By Thomas Meehan.

“Third Contribution to the History of the Balaenidæ and Delphinidæ.” By E. D. Cope.

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October 9th.

The President, DR. HAYS, in the Chair.

Twenty two members present.

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October 16th.

The President, DR. HAYS, in the Chair.

Twenty-eight members present.

The following was offered for publication : “Synopsis of the Batrachia and Reptilia of Arizona.” By Ed. D. Cope.

Dr. Slack exhibited some living specimens of *Menopoma*, from the upper Alleghany River, and remarked that in the summer they appear of a light slate color ; in the winter, dark brown.

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October 23d.

The President, DR. HAYS, in the Chair.

Thirty members present.

Dr. Leidy exhibited a tusk, fragments of others, and molar teeth of *Mastodon ohioiticus* from Big-bone-lick, Kentucky, belonging to the Museum. The specimens exhibited a remarkable degree of attrition, in various positions, which he supposed to be due to their having been ground in and by moving masses of ice.

Mr. Cope made a communication in regard to the Mesozoic Sandstone of Pennsylvania, expressing the probability of its horizon being that of the Trias of Europe, on account of some contained vertebrate remains which he had previously described, and also from some bones of a *Pterodactyle* now in his possession, for which he proposed the name of *P. longispinis*.

Mr. Cassin made some remarks in regard to the existence of deposits in the vicinity of Atlantic City, N. J., analogous to the Kitchen Middens of Northern Europe and similar to those noticed by Dr. Leidy, near Cape Henlopen, Del.

Mr. Ennis reported the existence of a similar shell bed near Cape May Court House, N. J.

Dr. Leidy observed that during the past summer he had made another visit to the Kitchen Middens of Cape Henlopen, in company with Mr. Cassin, Mr. Robert Frazer, and Mr. Canby of Wilmington. They had noticed the shell

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